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PATENTS
MIC-41

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant : Seong-Hoon Lee
Application No. : 10/719,348 Confirmation No.: 3302
Filed : November 21, 2003
For : DIGITAL PHASE MIXERS WITH ENHANCED SPEED
Group Art Unit : 2816
Examiner : Kenneth B. Wells

New York, New York 10020
April 12, 2005

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,
applicant hereby makes the following documents of record in
the above-identified patent applications:

U.S. Patent Documents

<u>Patent No.</u>	<u>Applicant(s)</u>	<u>Issued</u>
4,985,639	Renfrow et al.	01/15/91
5,355,097	Scott et al.	10/11/94
5,663,665	Wang et al.	09/02/97
5,751,665	Tanoi	05/12/98

04/18/2005 MAHMED1 00000030 10719348

01 FC:1806

180.00 OP

U.S. Patent Documents

<u>Patent No.</u>	<u>Applicant(s)</u>	<u>Issued</u>
5,789,927	Belcher	08/04/98
5,872,488	Lai	02/16/99
6,100,736	Wu et al.	08/08/00
6,194,947 B1	Lee et al.	02/27/01
6,393,083	Beukema	05/21/02
6,618,283	Lin	09/09/03
6,762,633	Lee	07/13/04
6,768,361	Kwak	07/27/04
6,812,753	Lin	11/02/04

U.S. Patent Application Publication

<u>Publication No.</u>	<u>Applicant(s)</u>	<u>Published</u>
2004/0217789 A1	Kwak	11/04/04

The aforementioned documents, which are listed on the accompanying Form PTO/SB/08A (submitted in duplicate), fall under 37 CFR §1.98(a)(2)(i) for which documents the requirement to provide copies is waived for U.S. national patent applications filed after June 30, 2003, by U.S. Patent and Trademark Office Official Gazette notice 1276 OG 55. Accordingly, no copies of the aforementioned documents are provided.

It is respectfully requested that these documents be (1) fully considered by the Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO/SB/08A, as considered and initialed by the Examiner, be returned with the next communication.

Consideration of the foregoing in relation to this patent application is respectfully requested.

Respectfully submitted,

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Andrew Shive
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Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER FOR
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith is a Supplemental
Information Disclosure Statement in the above-identified
application. This Statement is submitted:

- ☐ [] within three months of the application
filing date;
- ☐ [] more than three months from the application
filing date but before the mailing date of
the first Office Action on the merits.
- ☒ [X] after the mailing date of the first Office
Action, but before the mailing date of a
Final Office Action, a Notice of Allowance,
or an Office Action that otherwise closes
prosecution.

In accordance with 37 C.F.R. § 1.97(c)(2), applicant has enclosed a check in the amount of \$180.00 in payment of the fee for submission of this Supplemental Information Disclosure Statement. The Director is hereby authorized to charge payment of any additional fees required in connection with this Supplemental Information Disclosure Statement, or credit any overpayment of the same to Deposit Account No. 06-1075. A duplicate copy of this letter is transmitted herewith.

Respectfully submitted,

Evelyn C. Mak

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Andrew Shive
Signature of Applicant

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Applicant Number	10/719,348
Filing Date	November 21, 2003
First Named Inventor	Seong-Hoon Lee
Art Unit	2816
Examiner Name	Kenneth B. Wells
Attorney Docket Number	MIC-41
Confirmation Number	3302

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		4,985,639	01/15/91	Renfrow et al.	
		5,355,097	10/11/94	Scott et al.	
		5,663,665	09/02/97	Wang et al.	
		5,751,665	05/12/98	Tanoi	
		5,789,927	08/04/98	Belcher	
		5,872,488	02/16/99	Lai	
		6,100,736	08/08/00	Wu et al.	
		6,194,947 B1	02/27/01	Lee et al.	
		6,393,083	05/21/02	Beukema	
		6,618,283	09/09/03	Lin	
		6,762,633	07/13/04	Lee	
		6,768,361	07/27/04	Kwak	
		6,812,753	11/02/04	Lin	

U. S. PATENT APPLICATION PUBLICATION

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		2004/0217789 A1	11/04/04	Kwak	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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